

ABSTRACT OF THE DISCLOSURE
FREQUENCY ANALYSIS

An apparatus for frequency content separating an input signal, said apparatus
5 comprising a plurality of frequency splitting stages, each stage including one or more
up-converter and down-converter pairs, an up-converter and down-converter pair
serving to receive a complex input signal representing an input bandwidth and to
output a first complex output signal representing an upper portion of said input
bandwidth and a second complex output signal representing a lower portion of said
10 input bandwidth, said first portion and said second portion being contiguous and
together representing said input bandwidth portion.

[Figure 6]

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